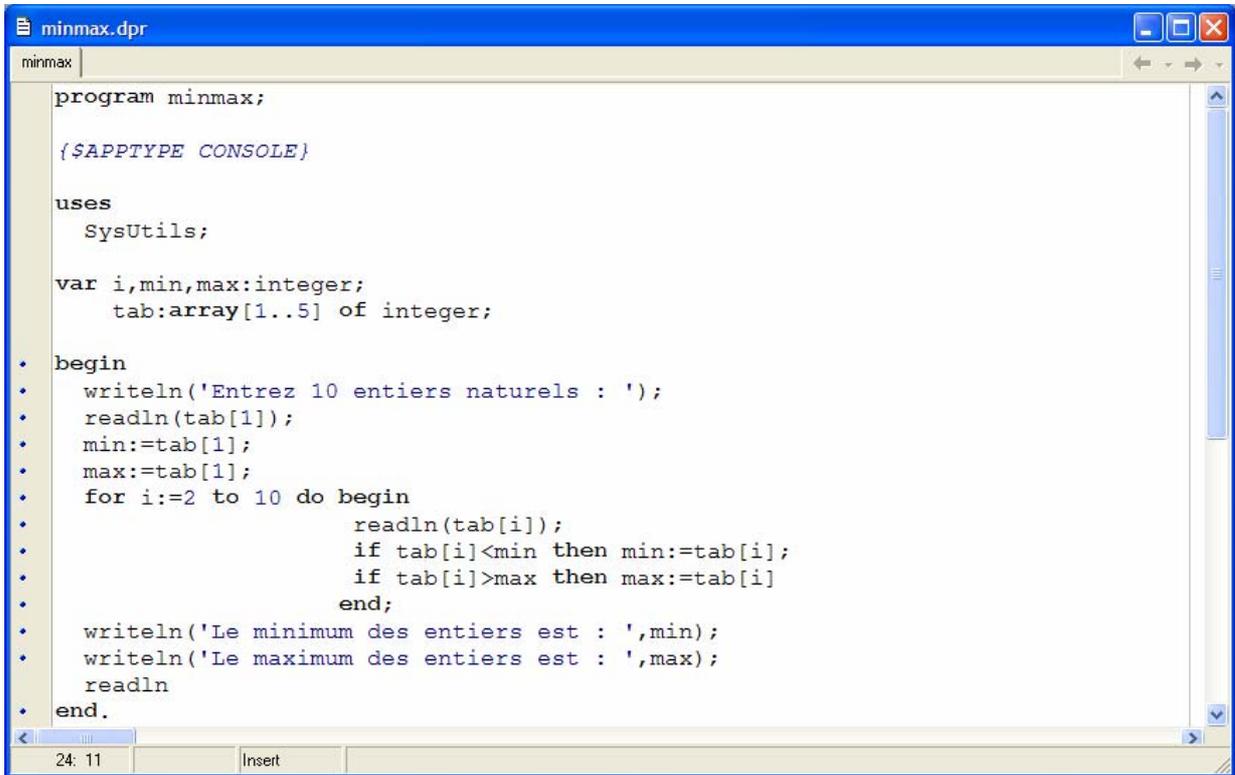


## Question 1



```
minmax.dpr
minmax

program minmax;

{$APPTYPE CONSOLE}

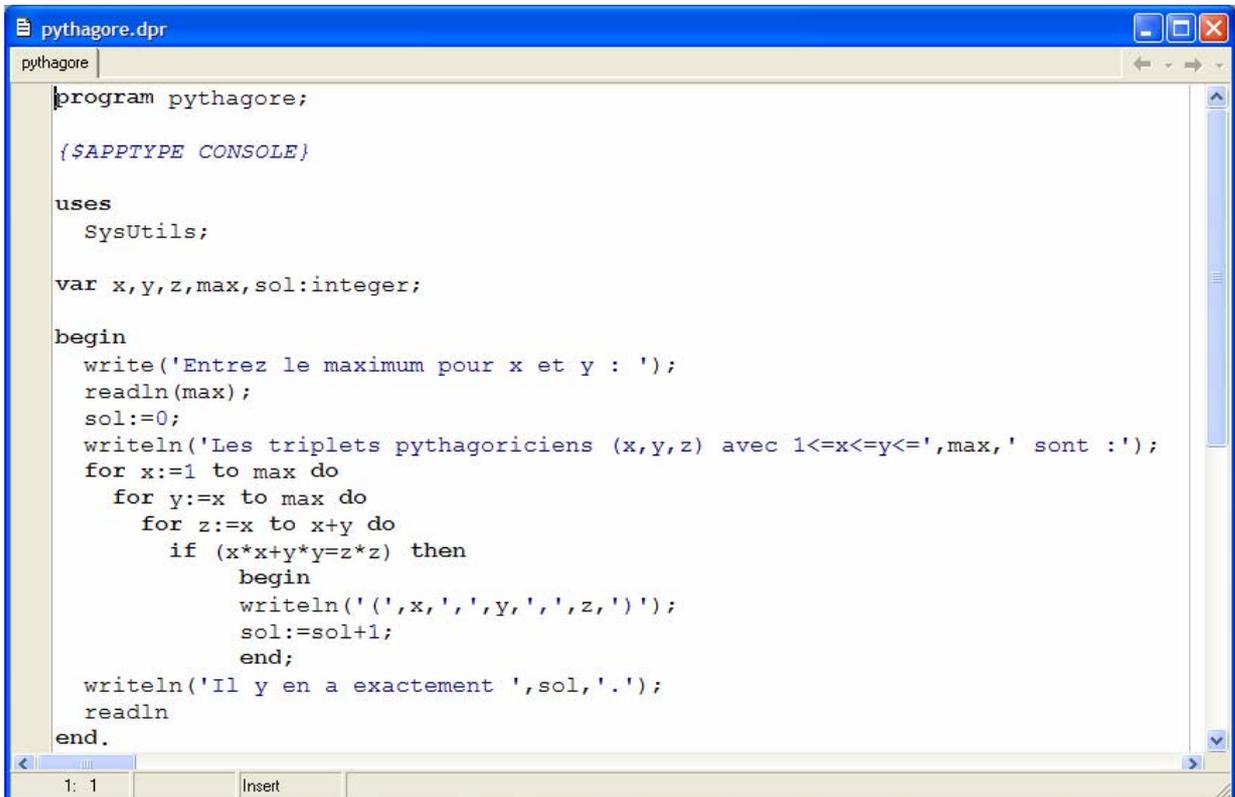
uses
  SysUtils;

var i,min,max:integer;
    tab:array[1..5] of integer;

begin
  writeln('Entrez 10 entiers naturels : ');
  readln(tab[1]);
  min:=tab[1];
  max:=tab[1];
  for i:=2 to 10 do begin
    readln(tab[i]);
    if tab[i]<min then min:=tab[i];
    if tab[i]>max then max:=tab[i]
  end;
  writeln('Le minimum des entiers est : ',min);
  writeln('Le maximum des entiers est : ',max);
  readln
end.
```

24: 11 | Insert

## Question 2



```
pythagore.dpr
pythagore

program pythagore;

{$APPTYPE CONSOLE}

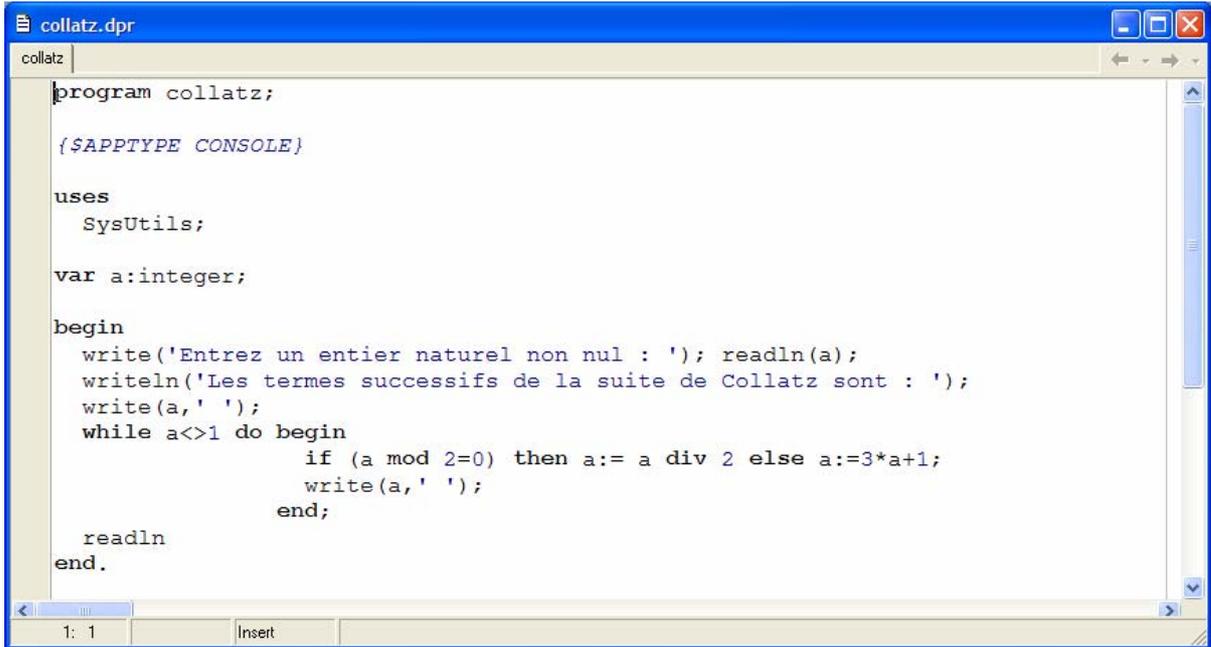
uses
  SysUtils;

var x,y,z,max,sol:integer;

begin
  write('Entrez le maximum pour x et y : ');
  readln(max);
  sol:=0;
  writeln('Les triplets pythagoriciens (x,y,z) avec 1<=x<=y<=',max,' sont :');
  for x:=1 to max do
    for y:=x to max do
      for z:=x to x+y do
        if (x*x+y*y=z*z) then
          begin
            writeln('(',x,',',y,',',z,')');
            sol:=sol+1;
          end;
  writeln('Il y en a exactement ',sol,'.');
  readln
end.
```

1: 1 | Insert

### Question 3

A screenshot of a Pascal IDE window titled 'collatz.dpr'. The window contains the following Pascal code:

```
program collatz;

{$APPTYPE CONSOLE}

uses
  SysUtils;

var a:integer;

begin
  write('Entrez un entier naturel non nul : '); readln(a);
  writeln('Les termes successifs de la suite de Collatz sont : ');
  write(a, ' ');
  while a <> 1 do begin
    if (a mod 2 = 0) then a := a div 2 else a := 3*a+1;
    write(a, ' ');
  end;

  readln
end.
```

The status bar at the bottom shows '1: 1' and 'Insert'.

G. Lorang